

Title (en)
IMPROVEMENTS IN OR RELATING TO BODIES WHICH USE COUPLINGS

Publication
EP 0301916 A3 19891004 (EN)

Application
EP 88307087 A 19880801

Priority
GB 8718198 A 19870731

Abstract (en)
[origin: EP0301916A2] The disclosure relates to a tube coupling (10) for a tube (11) comprising a body (12) having a throughway (13) to receive the tube through an opening (24) at one end of the body with a multi-fingered collet (26) in the open end engageable with a tapered cam surface (25) in the throughway to lock a tube in the throughway. The coupling body is formed in two parts comprising a main section (12a) in which the throughway is enlarged at (18) to receive a seal (19) for the tube and a subsidiary section (12b) in which the tapered cam surface (25) and open end (24) of the body are formed. The main section of the body is formed in a deformable metal and has a socket (30) encircling the throughway which is initially formed with a parallel sided wall (21). The subsidiary section of the body, which is conveniently formed as a plastics moulding has a tapered wall section containing the tapered cam surface, is engaged in the socket in the main section within the parallel wall portion and the latter is then swaged around the tapered wall of subsidiary section to lock the subsidiary section in the socket.

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IPC 8 full level
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F16L 27/00 (2013.01 - KR); **F16L 37/0925** (2013.01 - EP US); **F16L 37/0927** (2019.07 - EP US)

Citation (search report)

- [X] DE 2025474 A1 19701126
- [AD] GB 2132295 A 19840704 - GUEST JOHN LTD
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EP0558844A1; EP1083375A3; EP1143186A1; US7410193B2; US7425022B2; KR101154951B1

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